

# UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER FILING DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NO.

EXAMINER

ART UNIT

PAPER NUMBER

10

DATE MAILED:

This is a communication from the examiner in charge of your application. COMMISSIONER OF PATENTS AND TRADEMARKS

| NOTICE OF ALLOWABILITY   |
|--|
| All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.  |
| This communication is responsive to Pager no. 9 filed 4-22-07  |
| The allowed claim(s) is/are 15-17, 8-10, 12, 13 and 18 (renumbered as 1-9)   |
| The drawings filed on are acceptable.  |
| ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).  |
| ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been   |
| received.  |
| received in Application No. (Series Code/Serial Number)  |
| ☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).  |
| *Certified copies not received:  |
| Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).   |
| A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a). |
| □ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.  |
| Applicant MUST submit NEW FORMAL DRAWINGS  |
| ☐ because the originally filed drawings were declared by applicant to be informal.   |
| including changes required by the Notice of Draftperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No.  |
| including changes required by the proposed drawing correction filed on, which has been approved by the examiner.   |
| including changes required by the attached Examiner's Amendment/Comment.   |
| Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftperson.   |
| ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.   |
| Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.                                 |
| Attachment(s) In claim 15, the missing double bonds in the triazole ring have been inserted  |
| Attachment(s) In claim 15, the missing double bonds in the triazole ring have been inserted.  Notice of References Cited, PTO-892  |
| ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s).  |
| ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948  |
| □ Notice of Informal Patent Application, PTO-152   |
| ☐ Interview Summary, PTO-413 ☐ Examiners Amendment/Comment   |
| ☐ Examiner's Amendment/Comment GROUP 120   |
| Examiner's Comment Regarding Requirement for Deposit of Biological Material  |
| ☐ Examiner's Statement of Reasons for Allowance  |

PTOL-37 (Rev. 10/95)



#### United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE, United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

### NOTICE OF ALLOWANCE AND FEE(S) DUE

001095

7590

05/29/2002

THOMAS HOXIE NOVARTIS CORPORATION PATENT AND TRADEMARK DEPT 564 MORRIS AVENUE SUMMIT, NJ 079011027

| EXAMINER |                |  |  |  |  |
|----------|----------------|--|--|--|--|
| MORRIS,  | , PATRICIA L   |  |  |  |  |
| ART UNIT | CLASS-SUBCLASS |  |  |  |  |
| 1625     | 514-383000     |  |  |  |  |

DATE MAILED: 05/29/2002

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/699,765      | 10/30/2000  | Rene Lattmann        | 4-20918B/N1         | 7049             |

TITLE OF INVENTION: SUBSTITUTED 3,5-DIPHENYL-1,2,4-TRIAZOLES AND THEIR USE AS PHARMACEUTICAL METAL CHELATORS

| APPLN. TYPE    | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE   |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO           | \$1280    | \$0             | \$1280           | 08/29/2002 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED.</u> THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above. If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

B. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

□ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



## PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE Commissioner for Patents

Washington, D.C. 20231

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

| The second secon | E ADDRESS (Note: Legibly mark  |   | and the same   |  | , ,, , , , , , , , , , , , , , , , , ,   |  |
|--|--|---|--|--|--|--|
|  | 590 05/29/2002   | up with any corrections or use B  | lock 1)  | Fee(s) Transmitt   | e of mailing can only be used for<br>tal. This certificate cannot<br>apers. Each additional paper, | or domestic mailings of the<br>be used for any other<br>such as an assignment or |
| THOMAS HOXI  | Έ  |   |  | formal drawing, n  | nust have its own certificate of   | mailing or transmission.   |
| NOVARTIS CORI  | PORATION   |   |  |  | Certificate of Mailing or Tran   | smission   |
| PATENT AND TR  | RADEMARK DEPT  |   |  | I hereby certify   | that this Fee(s) Transmittal is  | being deposited with the   |
| 564 MORRIS AVI   | · <del>-</del>   |   |  | envelope addresse  | ed to the Box Issue Fee address  | s above, or being facsimile  |
| SUMM11, NJ 0790  | 011027   |   |  | transmitted to the   | USP10, on the date indicated t   |  |
|  |  |   |  |  | , <u></u>  | (Signature)  |
|  |  |   |  |  |  | (Date)   |
| APPLICATION NO.  | FILING DATE  | FIRS  | T NAMED INVEN  | TOR  | ATTORNEY DOCKET NO.  | CONFIRMATION NO.   |
| 09/699,765   | 10/30/2000   |   | Rene Lattmann  |  | 4-20918B/N1  | 7049   |
| TITLE OF INVENTION: S  | UBSTITUTED 3,5-DIPHE   | NYL-1,2,4-1RIAZOLES   | S AND THEIR  | USE AS PHARMA  | CEUTICAL METAL CHELAT  | FORS   |
| APPLN. TYPE  | SMALL ENTITY   | ISSUE FEE   | PUBL   | CATION FEE   | TOTAL FEE(S) DUE   | DATE DUE   |
| nonprovisional   | NO   | \$1280  |  | \$0  | \$1280   | 08/29/2002   |
| EXAMI  | NER  | ART UNIT  | CLASS-SUBCI  | ASS  |  |  |
| MORRIS, PA   | TRICIA L   | 1625  | 514-38300  | 0  |  |  |
| CFR 1.363).  Change of correspond Address form PTO/SB/1  "Fee Address" indicati  | ence address (or Change of<br>22) attached.<br>ion (or "Fee Address" Indic   | *Correspondence   | the names of u<br>or agents OR,<br>single firm (ha<br>attorney or age<br>registered pater  | p to 3 registered paralternatively, (2) to alternatively, (2) to ving as a member ent) and the name at attorneys or agen | atent attorneys the name of a or a registered es of up to 2  |  |
| PLEASE NOTE: Unless a been previously submitted  | n assignee is identified be to the USPTO or is being   | low, no assignee data wi<br>submitted under separate  | ll appear on the p<br>cover. Completic   | patent. Inclusion of<br>on of this form is NO  |  | te when an assignment has gnment.  |
|  |  | •   | • •  | u individual   | ☐ corporation or other private g   | group entity 🔾 government  |
| 4a. The following fee(s) are   | enclosed:  |   |  |  |  |  |
| ☐ Issue Fee  |  |   |  | •  |  |  |
|  |  | · ·   | · · · · · · · · · · · · · · · · · · ·  |  |  |  |
| Advance Order - # of C   | Copies   | Deposit   | Account Number   | r  | (enclose an extra copy of this   | form).   |
| Commissioner for Patents is  | requested to apply the Iss   | ue Fee and Publication Fe   | e (if any) or to re  | -apply any previou   | sly paid issue fee to the applica  | tion identified above.   |
| (Authorized Signature)   |  | (Date)  |  |  |  |  |
| Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached. Use of a Customer Number is required.  3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.  (A) NAME OF ASSIGNEE  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed on the patent)  (B) RESIDENCE: (CITY and STATE OR COUNTRY)  Please check the appropriate assignee category or categories (will not be printed o |  |   |  |  |  |  |
| other than the applicant;  | T, NJ 079011027    Composition of the USPTO, on the date indicated below.   Composition caused by the USPTO, on the date indicated by the USPTO, on the date indicated below.   Caused by the USPTO, on the date indicated by the USPTO, on th |   |  |  |  |  |
| obtain or retain a benefit application. Confidentialit estimated to take 12 minu completed application for case. Any comments on suggestions for reducing Patent and Trademark Off NOT SEND FEES OR  | by the public which is to<br>y is governed by 35 U.S.C<br>tes to complete, including<br>m to the USPTO. Time v<br>the amount of time you<br>this burden, should be sen<br>fice, U.S. Department of C<br>COMPLETED FORMS  | file (and by the USPTC 122 and 37 CFR 1.14. T gathering, preparing, and will vary depending upon require to complete the to the Chief Informatic ommerce, Washington, I | to process) an<br>his collection is<br>d submitting the<br>in the individual<br>is form and/or<br>on Officer, U.S.<br>O.C. 20231. DO |  |  |  |
| Under the Paperwork Re   | eduction Act of 1995, no   | persons are required to   | o respond to a   |  |  |  |



### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Washington, D.C. 20231
www.uspto.gov

| APPLICATION NO                                  | . 1 | FILING DATE | FIRST NAMED INVENTOR    | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-----|-------------|-------------------------|---------------------|------------------|
| 09/699,765 10/30/2000<br>001095 7590 05/29/2002 |     | 10/30/2000  | Rene Lattmann           | 4-20918B/N1         | 7049             |
|   |     |             | EXAMINI                 | EXAMINER            |                  |
| THOMAS HOXIE                                    |     |             | MORRIS, PATRICIA L      |                     |                  |
| NOVARTIS C                                      |     |             |                         | ART UNIT            | DADED MURADED    |
| PATENT AND<br>564 MORRIS                        |     | MARK DEPT   |                         | ARI UNII            | PAPER NUMBER     |
| SUMMIT, NJ                                      |     | 7           |                         | 1625                |                  |
| 001111111111111111111111111111111111111         |     |             | DATE MAILED: 05/29/2002 |                     |                  |

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The patent term adjustment to date is 0 days. If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the term adjustment will be 0 days.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)